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NPIC/R-1030/62  
July 1962

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SAH ED

PHOTOGRAPHIC INTERPRETATION REPORT

MISSION COVERAGE INDEX

MISSION

16 JUNE 1962

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ARMY



NAVY

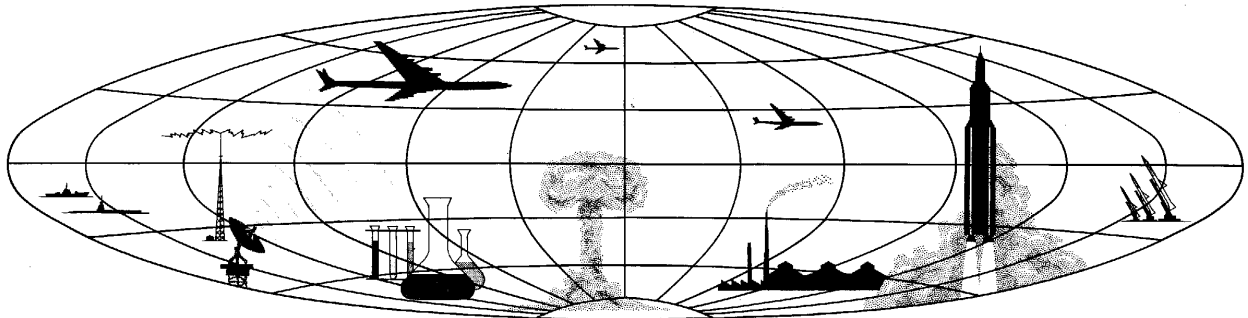


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PHOTOGRAPHIC INTERPRETATION REPORT

MISSION COVERAGE INDEX

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## PREFACE

This Mission Coverage Index (MCI) furnishes a listing of intelligence targets covered by CHURCH DOOR Mission [REDACTED]. The listing provides the latest description based on photographic interpretation for each target covered by the mission except for those targets in which no significant change was noted. Items in the listing are arranged by (1) country, (2) WAC area within the country, and (3) coordinates reading from south to north and from west to east. An explanation of column headings and photo reference data used in presenting the information is contained in the appendix.

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For convenience of the user, a subject index to the intelligence targets has been included following the listing. Targets in the subject index are listed (1) by category, (2) alphabetically by country within the category, and (3) alphabetically by place name within the country.

The user of this MCI is cautioned that the scan of photography from Mission [REDACTED] was accomplished in a relatively short time and often without the aid of precise analytical and mensural equipment commonly employed in detailed photographic analysis. Consequently, although the information presented herein is essentially accurate, future detailed analysis may somewhat alter portions of the information.

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Mission [REDACTED] accomplished on 16 June 1962, covered a large portion of northeast China and included the cities of Port Arthur, Fu-shun, Harbin and Tsingtao. A small portion of the Korean western coastal region was covered also. See accompanying flight trace for approximate track.

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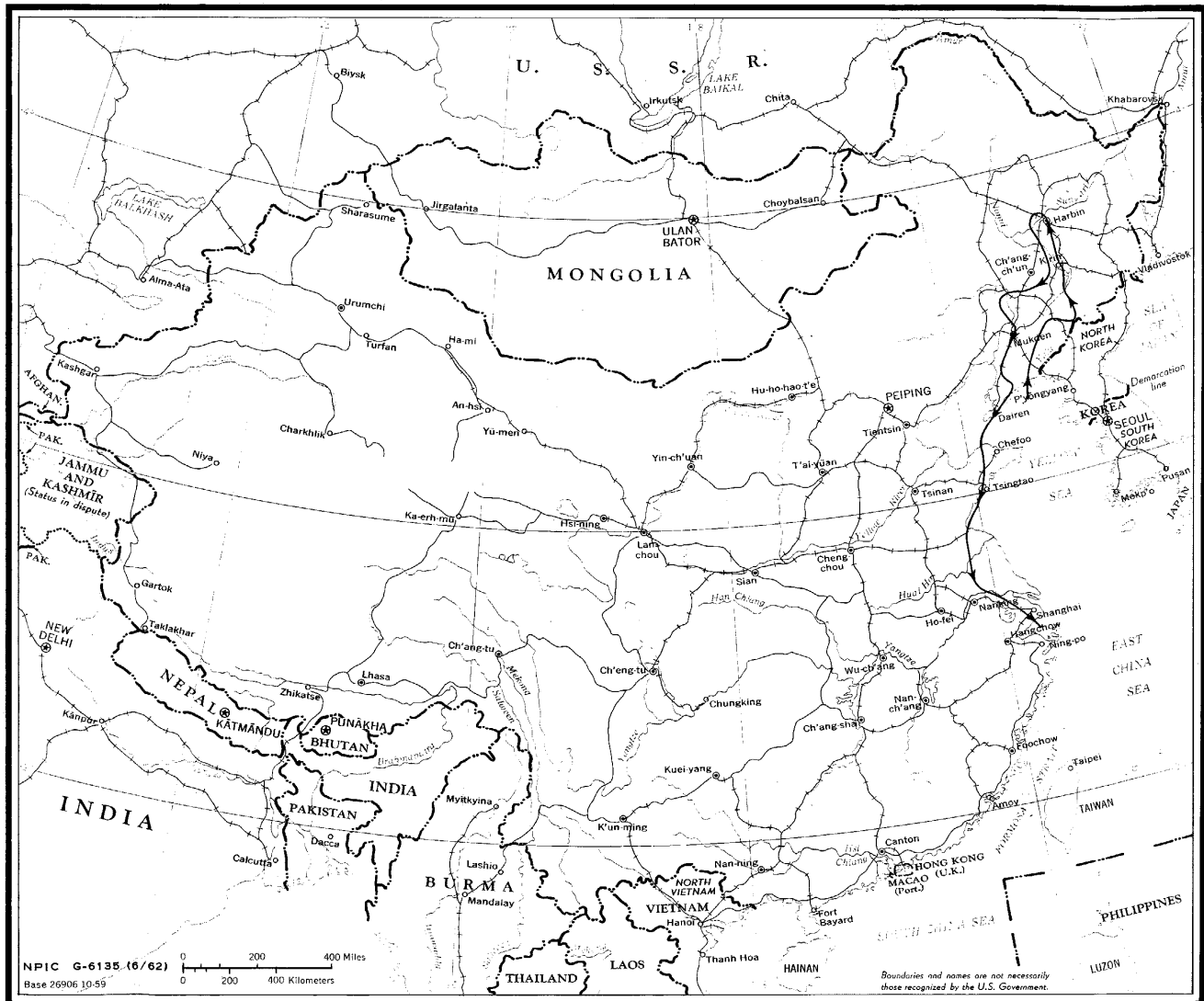
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APPROXIMATE TRACK OF MISSION

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p>-CHINA-</p> <p>KIRIN AREA, U/I INSTALLATION 5 NM SSE OF WU-LA-CHIEH. SECURED AREA CONTAINING 3 OPERATIONS BUILDINGS, ONE REVETTED STORAGE BUILDING, AND ONE EARTH-COVERED BUNKER.</p>	4400N 12632E	0283		114
<p>KU-TIEN-TZU AIRFIELD 1.5 NM NE OF KU-TIEN-TZU RAILROAD STATION, 11 NM NW OF CHI-LIN. APPROXIMATELY 6,400 X 200 FT NE/SW PROBABLE CONCRETE RUNWAY. PARALLEL LOOP TAXIWAY, 2 LINK TAXIWAYS, 2 ALERT APRONS, 2 PARKING APRONS, 30 REVETTED HARDSTANDS, 2 SMALL HANGARS. STORAGE, ADMINISTRATIVE, AND HOUSING AREAS LOCATED SE OF RUNWAY. AN AIR- CRAFT MAINTENANCE AND REPAIR PLANT IS LOCATED IMMEDIATELY SE OF NE END OF RUNWAY. PLANT CONSISTS OF POWER HOUSE, 2 FABRICATION- TYPE BUILDINGS, 2 HANGARS, 10 ASSOCIATED BUILDINGS AND NUMEROUS SMALL SHEDS. AIRCRAFT -- 39 FAGOT/FRESCO, 3 BEAGLE.</p>	4401N 12623E	0283		46
<p>ERH-TAO-HO-TZU, MINING ACTIVITY COAL MINING CENTER WITH LOADING FACILITIES FOR TRANSFER FROM TRUCK TO RAIL.</p>	4417N 12648E	0283		115
<p>TE-HUI AREA, POSSIBLE AIRFIELD U/C 17 NM NE OF TE-HUI. RUNWAY AT LEAST 8,000 FT LONG. PROBABLE ORIENTATION NW/SE.</p>	4440N 12600E	0283		113

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City, Installation	Coordinates	WAC	Installation Numbers	
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25X1 [REDACTED]				
LA-LIN AREA, AIRFIELD U/C IMMEDIATELY NW OF LA-LIN AIRFIELD. 8,400 X 200 FT NNW/SSE RUNWAY, UNSERVICEABLE, UNDER CONSTRUCTION. AIRCRAFT -- NONE.	4514N 12653E	0283		47-A
25X1 [REDACTED]				25X1
SHUANG-CHENG AIRFIELD 3 NM NORTH OF SHUANG-CHENG. 3,500 X 350 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. 2 TAXIWAYS LEADING TO PARKING APRON AND OPERATIONS AREA. OPERATIONS AREA CONSISTS OF CONTROL TOWER, 2 HANGARS, AND APPROXIMATELY 20 SUPPORT BUILDINGS. ONE REVETTED AMMUNITION STORAGE BUILDING WEST OF SOUTH END OF RUNWAY. RAIL-SERVED SECURED TRANSSHIPMENT AREA ONE NM SW OF CENTER OF RUNWAY WITH RAIL SPUR LEADING TO AMMUNITION STORAGE AREA FROM THE MAIN RAIL LINE BETWEEN CHANG-CHUN AND HARBIN. AIRCRAFT -- NONE.	4524N 12618E	0283	[REDACTED]	60
25X1 [REDACTED]				
SHUANG-CHENG AREA, UNIDENTIFIED INSTALLATION 5 NM NNW OF SHUANG-CHENG. 2 GROUPS OF BUILDINGS, EACH CONSISTING OF 3 SQUARE BUILDINGS, IN T-SHAPE, AND 2 GROUPS WITH 2 BUILDINGS EACH IN T-SHAPE. ROAD SERVED. INCOMPLETE RAIL SPUR LEADS TO INSTALLATION. LARGE PROCESSING BUILDING AND SMALL BUILDING WITH STACK, AND 8 STORAGE/WAREHOUSE-TYPE BUILDINGS JUST NE OF INSTALLATION.	4525N 12614E	0283		60-A
25X1 [REDACTED]				

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
PING-FANG AIRFIELD 9 NM SOUTH OF HARBIN. 5,500 X 200 FT E/W CONCRETE RUNWAY, SERVICEABLE. HELICOPTER AND PISTON ENGINE-TYPE AIRCRAFT ASSEMBLY PLANT ADJACENT TO TAXIWAY ON SOUTH. BARRACKS AND TRAINING AREA. ANOTHER LARGE SECTION OF THE AIRCRAFT PLANT (PROBABLY FABRICATION) LOCATED ONE NM NORTH OF RUNWAY. AIRCRAFT -- TOTAL OF 9 INCLUDING -- ONE BEAGLE, ONE COLT, 3 HOUND, AND 4 UNIDENTIFIED SINGLE-ENGINE PISTON AIRCRAFT.	4536N 12638E	0283		25X1 55
HARBIN AREA, BARRACKS AREA APPROXIMATELY 7 NM SE OF HARBIN. 3 MILITARY BARRACKS AREAS CONSISTING OF APPROXIMATELY 60 BUILDINGS IN EACH AREA. BARRACKS AREAS ARE APPROXIMATELY ONE NM ESE OF SUN-CHIA-TUN AIRFIELD.	4538N 12644E	0283		42-J
WANG-KANG AIRFIELD 5 NM SW OF HARBIN. APPROXIMATELY 5,000 X 5,000 FT SOD LANDING AREA, SERVICEABLE. SMALL SUPPORT AREA AND AMMUNITION STORAGE ON SOUTH SIDE OF FIELD. AIRCRAFT -- 13 BAT.	4540N 12631E	0283		25X1 58
HARBIN AREA, RAILROAD U/C 5 NM SOUTH OF HARBIN. CONNECTING RAIL LINE BETWEEN HARBIN TO CHANG- CHUN AND HARBIN TO CHI-LIN (45-40N 126-39E) RAIL LINES.	4540N 12633E	0283		42-K

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City, Installation	Coordinates	WAC	Installation Numbers	
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[REDACTED]				25X1
SUN-CHIA-TUN AIRFIELD 3.5 NM SOUTH OF THE OLD CITY OF HARBIN. 6,000 X 6,000 FT SOD LANDING FIELD, ONE 3,500 X 400 FT NE/SW CONCRETE RUNWAY APPEARS OPERATIONAL, A SECOND CONCRETE RUNWAY IN NNW/ SSE DIRECTION WITH ACCOMPANYING TAXIWAYS AND OPERATIONS AREA HAS BEEN ABANDONED. REVETTED AMMUNITION STORAGE ON EAST SIDE OF ACTIVE OPERATIONS AREA. UNDERGROUND POL STORAGE WEST OF OPERATION AREA. AIRCRAFT -- 14 BAT.	4540N 12642E	0283	[REDACTED]	64
HARBIN AREA, RADIO STATION 8 NM ESE OF HARBIN. SECURED AREA CONTAINING TRANSMITTER AND 3 TRANSMITTER ARRAYS WITH STICK MASTS.	4541N 12648E	0283		42-G
HARBIN AREA, U/I INDUSTRY 10 NM ESE OF HARBIN. ROAD AND RAIL-SERVED UNIDENTIFIED INSTALLATION CONTAINING APPROXIMATELY 50 BUILDINGS. HOUSING/ADMINISTRATIVE AREA ON SOUTH SIDE. PORTION OF PLANT UNDER CONSTRUCTION ON WEST SIDE.	4542N 12650E	0283		42-I
HARBIN COMPLEX APPROXIMATELY 36 SQ MI IN AREA. LARGE, ADMINISTRATIVE, INDUSTRIAL, AND TRANSPORTATION CENTER LOCATED ON THE SUNGARI RIVER AT THE JUNCTION OF LU-PIN/SUI-FEN-HO RAILROAD AND HARBIN/SHEN-YANG RAILROAD.	4545N 12639E	0283	[REDACTED]	42

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City, Installation	Coordinates	WAC	Installation Numbers	
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<p>EXTENSIVE RAIL AND PORT FACILITIES. SEVERAL HEAVY AND NUMEROUS SMALL INDUSTRIAL FACILITIES ARE IN AND AROUND COMPLEX. STORAGE AND AMMUNITION DEPOTS, EXTENSIVE BARRACKS AREAS, MILITARY SCHOOLS (ONE WITH JUMP TOWER), AND SEVERAL COMMUNICATIONS FACILITIES ARE ALSO LOCATED THROUGHOUT COMPLEX.</p> <p>[REDACTED]</p>				
<p>HARBIN AIRFIELD SE LOCATED BETWEEN THE OLD AND NEW CITIES OF HARBIN, 2.4 NM SE OF HARBIN CENTRAL RAILROAD STATION. SOD LANDING AREA. 3 HANGARS ON WEST SIDE OF FIELD. AIRCRAFT REVETMENTS ON NORTH, EAST, AND SOUTH SIDES OF FIELD. AIRCRAFT -- ONE CAB, 3 BAT, 3 PROBABLE BAT, 5 COLT, 6 UNIDENTIFIED S/E, AND 3 UNIDENTIFIED DERELICTS.</p> <p>[REDACTED]</p>	4545N 12641E	0283	[REDACTED]	25X1 42-A
<p>HARBIN AREA, POSS CHEM INDUSTRY 5 NM NE OF HARBIN, ON SOUTH BANK OF SUNGARI RIVER. ONE LARGE PROCESSING BUILDING WITH 3 STACKS, AND APPROXIMATELY 50 SMALLER ASSOCIATED BUILDINGS. HOUSING/ADMINISTRATIVE AREA SE OF PLANT. RAIL AND ROAD SERVED.</p> <p>[REDACTED]</p>	4549N 12643E	0283		42-H
<p>HARBIN AREA, RAIL LINE U/C 7 NM NORTH OF HARBIN. CONNECTING RAIL LINE BETWEEN HARBIN TO HAI-LUN AND HARBIN TO ANG-ANG-CHI RAIL LINES IN FINAL</p>	4552N 12636E	0283		42-L

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City, Installation	Coordinates	WAC	Installation Numbers	
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<p>25X1 STAGES OF CONSTRUCTION.</p> <p>[REDACTED]</p> <p>HU-LAN, PROB CHEMICAL PLANT 2 NM ESE OF HU-LAN. PROBABLE CHEMICAL PLANT CONSISTING OF 7 PROCESSING BUILDINGS, ONE OF WHICH IS A TOWER APPROXIMATELY 50 FT SQ AND APPROXIMATELY 100 FT IN HEIGHT. HOUSING/ADMINISTRATIVE AREA ON 25X1 NORTH SIDE AND WAREHOUSE AREA ON SOUTH SIDE.</p> <p>[REDACTED]</p>	4558N 12638E	0283		117
<p>A-CHENG, POSS INDUSTRIAL WAREHOUSES 1.5 NM NE OF A-CHENG. CONTAINS 3 LARGE INDUSTRIAL-TYPE, AND 13 LARGE WAREHOUSE-TYPE BUILDINGS. HOUSING/ 25X1 ADMINISTRATIVE AREA NORTH OF INDUSTRIAL AREA.</p> <p>[REDACTED]</p>	4533N 12701E	0283		116
<p>YING-KOU COMPLEX 10 SQ MI IN AREA. MINOR PORT FACILITIES ON NORTH SIDE OF CITY. PRIMARILY RESIDENTIAL WITH SOME SMALL INDUSTRIES. SMALL LANDING AREA ON WEST END OF 25X1 CITY APPEARS INACTIVE.</p> <p>[REDACTED]</p>	4040N 12217E	0289		30
<p>25X1 KOU-PANG-TZU, POSSIBLE MILITARY CAMP IDENTIFICATION ONLY.</p> <p>[REDACTED]</p>	4118N 12135E	0289		17-A
<p>25X1 TENG-AO-PAO AIRFIELD 1.7 NM NE OF TENG-AO-PAO. 6,000 X 180 FT N/S CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY AND REVETTED HARDSTANDS EAST OF RUNWAY.</p>	4106N 12251E	0289		27

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<p>AIRCRAFT -- 45 FARMER, AND 2 FAGOT/FRESCO.</p> <p>AN-SHAN COMPLEX APPROXIMATELY 25 SQ MI IN AREA. COMPLEX INCLUDES AN ARTILLERY SCHOOL CONTAINING AT LEAST 400 BUILDINGS. VERY LARGE STEEL PLANT OCCUPIES MOST OF THE NW SECTION OF COMPLEX AND A NEW STEEL PLANT WITH 14 BLAST FURNACES IS UNDER CONSTRUCTION AT 41-09N 123-05E. SEVERAL INSTALLATIONS WITHIN THE COMPLEX APPEAR TO BE OF RECENT CONSTRUCTION.</p>	4107N 12257E	0289		25X1 1
<p>HEI-SHAN, U/I INSTALLATION SE EDGE OF HEI-SHAN. CIRCULAR-SHAPED INSTALLATION APPROXIMATELY 2,300 FT IN DIAMETER WITH PAVED INNER CIRCLE APPROXIMATELY 750 FT IN DIAMETER. E/W ROAD CROSSES ENTIRE INSTALLATION. N/S ROAD CONNECTS OUTER RING TO RECTANGULAR CIRCUMFERENTIAL ROAD. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.</p>	4140N 12207E	0289		36
<p>FENG-CHENG, EXPLOSIVES STORAGE AREA ONE NM NE OF LIN-CHIA-TAI, 17 NM NNW OF FENG-CHENG. AREA CONSISTS OF 30 STORAGE BUILDINGS AND AT LEAST 17 CAVES FRONTED BY BLAST WALLS. THIS AREA MAY BE ASSOCIATED WITH PROBABLE MILITARY INSTALLATIONS 4 NM TO NNW.</p>	4043N 12358E	0290		34-A

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FENG-CHENG AREA, MINING OPERATION 27 NM NW OF FENG-CHENG AT VILLAGE OF CHING-CHENG-TZU. ONE LARGE ORE PROCESSING BUILDING, TAILING DEPOSITS, COMMUNE-TYPE BUILDINGS AND NUMEROUS SMALL ASSOCIATED BUILDINGS. EXTENSIVE EXPLORATION ACTIVITY IN HILLS AROUND COMPLEX. [REDACTED]	4044N 12336E	0290		34-B
CHU-CHUANG-KOU, PROB MILITARY INSTALLATION NORTH EDGE OF CHU-CHUANG-KOU. 3 SEPARATE, ROAD-CONNECTED AREAS CONTAINING A TOTAL OF APPROXIMATELY 75 BARRACKS-TYPE BUILDINGS AND 24 CANVASS-COVERED VEHICLES. [REDACTED]	4048N 12355E	0290		83
AN-TUNG AIRFIELD 7.5 NM SW OF AN-TUNG. APPROXIMATELY 6,600 X 200 FT N/S CONCRETE RUNWAY, SERVICEABLE. AIRCRAFT -- UNDETERMINED NUMBER OF UNIDENTIFIED AIRCRAFT. [REDACTED]	4001N 12417E	0290	[REDACTED]	27-B
AN-TUNG COMPLEX IDENTIFICATION ONLY. [REDACTED]	4008N 12424E	0290	[REDACTED]	27
AN-TUNG PORT FACILITIES IDENTIFICATION ONLY. [REDACTED]	4008N 12424E	0290	[REDACTED]	27-F
AN-TUNG, MILITARY STORAGE IDENTIFICATION ONLY.	4008N 12424E	0290		27-G

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<div>25X1</div> <div>[REDACTED]</div> <p>FENG-CHENG AIRFIELD EAST 3 NM EAST OF FENG-CHENG. AIRFIELD ABANDONED. APPROXIMATELY 4,800 X 250 FT E/W HARD SURFACE RUNWAY APPEARS SERVICEABLE. AIRCRAFT -- NONE.</p>	4028N 12409E	0290	[REDACTED]	<div>25X1</div> <div>34</div>
<div>25X1</div> <div>[REDACTED]</div> <p>TA-PAO AIRFIELD 5 NM SW OF TA-PAO. APPROXIMATELY 6,500 X 200 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY TO NW. 21 HARDSTANDS ALONG TAXIWAY, 42 HARDSTANDS IN 2 DISPERSAL AREAS AND 12 HARDSTANDS UNDER CONSTRUCTION ON 2 NEW DISPERSAL AREAS. ALL 4 DISPERSAL AREAS ARE NW OF RUNWAY. LIMITED FACILITIES. AIRCRAFT -- 20 PROBABLE FIGHTER-TYPE.</p>	4032N 12413E	0290	[REDACTED]	<div>25X1</div> <div>59</div>
<div>25X1</div> <div>[REDACTED]</div> <p>KUAN-TIEN AIRFIELD WEST APPROXIMATELY 10 NM WSW OF KUAN-TIEN. 6,600 X 200 FT NW/SE CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY TO SW WITH 4 CROSSOVERS, 2 ALERT APRONS, AND 2 PARKING APRONS. 45 HARDSTANDS. BILLETING AREA ONE NM SW OF AIRFIELD. AIRCRAFT -- NONE OBSERVED.</p>	4042N 12436E	0290	[REDACTED]	<div>25X1</div> <div>42</div>
<div>25X1</div> <div>[REDACTED]</div> <p>KUAN-TIEN AREA, BARRACKS AREA IDENTIFICATION ONLY.</p>	4043N 12447E	0290		<div>25X1</div> <div>79</div>

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PEN-CHI AREA, MINING ACTIVITY 19 NM SOUTH OF PEN-CHI. AREA CONSISTS OF 4 LARGE ORE PROCESSING COMPLEXES AND NUMEROUS COMMUNES, AND COVERS AN AREA OF APPROXIMATELY 6 SQ MI. [REDACTED]	4100N 12345E	0290		51-C
LIAO-YANG WEST AIRFIELD 4 NM WEST OF LIAO-YANG. 7,000 X 260 FT NE/SW PROBABLE CONCRETE RUNWAY, SERVICEABLE. ONE HANGAR, 2 POL STORAGE AREAS. AIRCRAFT -- 57 FAGOT/FRESCO, AND 2 UNIDENTIFIED SINGLE ENGINE PISTON AIRCRAFT. [REDACTED]	4116N 12305E	0290	[REDACTED]	46-B
LIAO-YANG COMPLEX APPROXIMATELY 40 SQ MI IN AREA. INDUSTRIAL/RESIDENTIAL COMPLEX CONTAINING SEVERAL INDUSTRIES, NUMEROUS STORAGE AREAS, EXTENSIVE RAIL FACILITIES, AND LARGE ARSENAL. FIELD ARTILLERY UNIT (REGIMENTAL SIZE) LOCATED APPROXIMATELY 2 NM SW OF LIAO-YANG. [REDACTED]	4117N 12311E	0290	[REDACTED]	46
PEN-CHI COMPLEX APPROXIMATELY 5 SQ MI IN AREA. SMOKE EMINATING FROM 2 INDUSTRIAL AREAS PREVENTS DETAILED INTERPRETATION. ONE AREA CONTAINS AT LEAST 4 LARGE COOLING TOWERS. LARGE ORE PROCESSING PLANT LOCATED AT SW EDGE OF TOWN. NUMEROUS COMMUNES. [REDACTED]	4118N 12345E	0290		51-B

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
MUKDEN AIRFIELD SW 3.5 NM SW OF MUKDEN. 3,900 X 170 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE. DEFENSES -- ONE 4-GUN AAA POSITION SE OF RUNWAY. AIRCRAFT -- NONE. <div></div>	4146N 12322E	0290		25X1 55-E
MUKDEN AIRFIELD SE 2 NM ESE OF OLD WALLED CITY OF MUKDEN, AND ONE NM NW OF HUN RIVER, SE SECTION OF CITY. APPROXIMATELY 6,850 X 275 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. RAIL-SERVED POL STORAGE AREA WITH 6 BUNKERS SE OF RUNWAY. AIRCRAFT -- 5 FAGOT/FRESCO, AND ONE BEAGLE. <div></div>	4147N 12330E	0290		25X1 55-D
MUKDEN ORD REPAIR PLT NO 515 2 NM ENE OF MUKDEN RAILROAD STATION. 14 LARGE ASSEMBLY TYPE BUILDINGS, AND NUMEROUS SMALL SHOPS. PLANT AREA PARTIALLY WALLED. <div></div>	4148N 12326E	0290		55-H
MUKDEN COMPLEX APPROXIMATELY 625 SQ MI IN AREA. CONTAINS NUMEROUS LIGHT AND HEAVY INDUSTRIES, 3 RAILYARDS, AT LEAST 3 MILITARY ARSENALS, MILITARY DEPOTS, STORAGE AREAS, AND SEVERAL LARGE, AND NUMEROUS SMALL MILITARY BARRACKS AREAS. <div></div>	4148N 12327E	0290		25X1 55

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City, Installation	Coordinates	WAC	Installation Numbers	
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<b>MUKDEN, MILITARY AREA</b> MILITARY AREA CONSISTING OF 4 MILITARY AIRFIELDS, 3 MILITARY STORAGE DEPOTS WITH APPROXIMATE TOTAL OF 280 BUILDINGS, AT LEAST 8 BARRACKS AREAS WITH APPROXIMATE TOTAL OF 410 BUILDINGS, AND 2 AMMUNITION STORAGE AREAS CONTAINING A TOTAL OF APPROXIMATELY 20 REVETTED BUILDINGS. <div></div>	4148N 12327E	0290		55-A
<b>MUKDEN ARSENAL 90TH</b> LOCATED IN EAST SECTION OF SHEN-YANG, APPROXIMATELY ONE NM EAST OF OLD WALLED CITY. INSTALLATION CONSISTS OF MAIN ARSENAL AND A SEPARATE SUB-ARSENAL. THE MAIN ARSENAL (41-48N 123-29E) CONTAINS A LARGE FABRICATION/ ASSEMBLY BUILDING, NUMEROUS LARGE WAREHOUSES, POWER PLANT AND SEVERAL ADMINISTRATIVE AND SUPPORT BUILDINGS, RAIL SERVED. THE SUB-ARSENAL (WEN-KUAN-TUN) IS LOCATED APPROXIMATELY 2.5 NM EAST OF MUKDEN NORTH AIRFIELD AT 41-52N 123-29E. INSTALLATION COVERS APPROXIMATELY 4 SQ MI AND CONTAINS AT LEAST 15 LARGE FABRICATION/ ASSEMBLY BUILDINGS, POWER PLANT, SEVERAL ADMINISTRATIVE BUILDINGS, 24 SCATTERED REVETTED STORAGE BUILDINGS AND APPROXIMATELY 350 WORKERS BARRACKS, RAIL SERVED. <div></div>	4148N 12329E	0290	<div></div>	55-B
<b>MUKDEN AIRFIELD WEST</b> 5.5 NM WEST OF MUKDEN. 7,300 X 260 FT NNE/SSW CONCRETE RUNWAY, <div></div>	4149N 12318E	0290	<div></div>	55-F

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City, Installation	Coordinates	WAC	Installation Numbers	
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SERVICEABLE. AIRCRAFT -- TOTAL OF 20, INCLUDING 14 FAGOT/FRESCO, ONE CAB, ONE CRATE, ONE CREEK, 2 COLT, AND ONE SINGLE ENGINE UNIDENTIFIED AIRCRAFT. [REDACTED]				
MUKDEN AIRFIELD NORTH 2 NM NORTH OF MUKDEN. APPROXIMATELY 9,900 X 280 FT N/S CONCRETE RUNWAY. 5 HANGARS AND CONTROL BUILDING SOUTH END OF TAXIWAY. ADJACENT TO TAXIWAY ON EAST SIDE OF RUNWAY AN AIRCRAFT ASSEMBLY PLANT CONTAINING AT LEAST 17 LARGE ASSEMBLY/ FABRICATION BUILDINGS, POWER PLANT, WIND TUNNEL, TEST FIRING REVETMENT, NUMEROUS ADMINISTRATIVE BUILDINGS, BARRACKS, AND STORAGE BUILDINGS. AIRCRAFT -- 5 FARMER, AND ONE COLT. [REDACTED]	4152N 12326E	0290	[REDACTED]	25X1 55-C
FU-SHUN COMPLEX APPROXIMATELY 65 SQ MI IN AREA. EXTENSIVE STORAGE, MINING, RAIL FACILITIES, AND HEAVY INDUSTRY THROUGHOUT COMPLEX. EXTENSIVE EXPANSION IN STORAGE, MINING, AND HOUSING TO NORTH AND SE. [REDACTED]	4152N 12353E	0290	[REDACTED]	25X1 36
FU-SHUN AREA, PROBABLE AMMUNITION STORAGE 5 NM NW OF FU-SHUN. APPROXIMATELY 130 DISPERSED STORAGE BUILDINGS IN AN ISOLATED MOUNTAINOUS AREA. SUPPORT AREA CONSISTING OF 20 BUILDINGS AND APPROXIMATELY 12 MAINTENANCE, UTILITY, AND ADMINISTRATIVE	4154N 12347E	0290		36-A

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City, Installation	Coordinates	WAC	Installation Numbers	
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BUILDINGS IS LOCATED AT THE ENTRANCE. RAIL SPUR CONNECTS FACILITY WITH SHEN-YANG RAIL LINE 2 NM TO SOUTH. [REDACTED]				
MUKDEN AREA, PROB STORAGE AREA 10 NM NE OF SHEN-YANG. AT LEAST 125 WAREHOUSE-TYPE BUILDINGS. RAIL SERVED. [REDACTED]	4157N 12330E	0290		55-L
				25X1
TUNG-HUA COMPLEX APPROXIMATELY 15 SQ MI IN AREA. CITY HAS BEEN EXPANDED 5 NM TO NE TO INCLUDE AN INDUSTRIAL AREA AND NUMEROUS COMMUNES. INDUSTRIAL AREA CONTAINS A LARGE THERMAL POWER PLANT, UNIDENTIFIED DISTILLATION PLANT, ROLLING MILL, ORE PROCESSING BUILDING, AND A SMALL RAIL MARSHALLING YARD. LARGE RAIL CLASSIFICATION YARD IS LOCATED ON SW SIDE OF HUN CHIANG MIDWAY BETWEEN OLD CITY AND INDUSTRIAL AREA. [REDACTED]	4143N 12556E	0290	[REDACTED]	66
TUNG-HUA AREA, EXPLOSIVES STORAGE 7 NM NW OF TUNG-HUA. AREA CONTAINS 14 REVETTED EXPLOSIVES STORAGE BUILDINGS SITUATED IN SMALL VALLEY ALONG STREAM BED. SUPPORT AREA CONTAINS 12 BARRACKS-TYPE BUILDINGS. [REDACTED]	4148N 12548E	0290		66-C
LIN-CHIANG AREA, RAIL EXTENSION RAIL EXTENDS NE FROM LIN-CHIANG TO APPROXIMATELY 42-00N 127-21E. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.	4148N 12654E	0290		86

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City, Installation	Coordinates	WAC	Installation Numbers	
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<div>25X1</div> <div></div> <p>MUKDEN AREA, TRANSFER POINT 26 NM NE OF SHEN-YANG. RAIL TO ROAD TRANSFER POINT. AREA INCLUDES 7 LARGE UNDERGROUND BUNKERS, ONE OTHER POSSIBLE LARGE BUNKER, AND 2 REVETTED BUILDINGS. AREA OVERGROWN AND APPEARS TO HAVE BEEN A LARGE AMMUNITION STORAGE AREA CONTAINING APPROXIMATELY 50 NOW ABANDONED REVETMENTS ON ROAD NETS ADJACENT TO EXISTING FACILITY. ADMINISTRATIVE AREA CONTAINS 5 LARGE ADMINISTRATIVE-TYPE BUILDINGS. RAIL SPUR SERVING FACILITY CONNECTS WITH SHEN-YANG/TIEH- LING RAIL LINE.</p> <div></div>	4207N 12343E	0290		55-N
<div>25X1</div> <p>MUKDEN AREA, MILITARY STORAGE 18 NM NNW OF SHEN-YANG ALONG SHEN-YANG/TIEH- LING RAIL LINE. SECURED RAIL AND ROAD SERVED MILITARY STORAGE AREA CONTAINING 42 LARGE AND 8 SMALL WAREHOUSE BUILDINGS. 15 BARRACKS-TYPE BUILDINGS ARE LOCATED ADJACENT TO SECURED AREA. OPEN STORAGE INSIDE AND OUTSIDE OF SECURED AREA.</p> <div></div>	4208N 12336E	0290		55-O
<div>25X1</div> <p>MUKDEN AREA, PROB MIL STORAGE 27 NM NE OF SHEN-YANG. 43 DRIVE-BY STORAGE BUILDINGS AT END OF NEWLY EXTENDED RAIL SPUR. BUILDINGS ARE REGULARLY DISPERSED AROUND PERIMETER OF VALLEY. SMALL SUPPORT AREA IS LOCATED AT ENTRANCE TO FACILITY. RAIL SPUR SERVING FACILITY CONNECTS WITH SHEN-YANG/TIEH-LING RAIL LINE. CONSTRUCTION CONTINUES TO NE AND</p>	4210N 12347E	0290		55-J

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City, Installation	Coordinates	WAC	Installation Numbers	
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<p>INCLUDES 2 CAVE ENTRANCES.</p> <p>TIEH-LING, U/I STORAGE AREA 4.5 NM SSW OF TIEH-LING. UNIDENTIFIED STORAGE AREA CONTAINS 30 GABLE- ROOFED STORAGE BUILDINGS (260 X 47 FT) AND 18 SMALLER ASSOCIATED BUILDINGS. ROAD SERVING INSTALLATION FORMS A WYE, THE NE LEG SERVING 16 OF THE 30 STORAGE WAREHOUSES IS SECURED, SW LEG SERVES THE OTHER 14 STORAGE WAREHOUSES, AND THE 18 SMALLER ASSOCIATED BUILDINGS ARE LOCATED AT THE CENTER OF THE WYE.</p>	4213N 12348E	0290		61-A
<p>KAI-YUAN AIRFIELD 6.5 NM SW OF KAI-YUAN, 2.5 NM WSW OF SUN-CHI- TAI. 6,700 X 200 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY WITH 4 CROSSOVER LINKS. ALERT APRONS AT EACH END OF RUNWAY AND PARKING APRON ON WEST SIDE OF TAXIWAY. ADMINISTRATIVE, MAINTENANCE, AND STORAGE AREAS WEST OF PARKING APRONS. RAIL-SERVED POL STORAGE AREA EAST OF RUNWAY. ROAD-CONNECTED AMMUNITION STORAGE AREA CONTAINING 10 BUILDINGS. AIRCRAFT -- 55 FRESCO/FAGOT.</p>	4231N 12400E	0290		40
<p>FU-SHUN AREA, MINING ACTIVITY 11 NM ENE OF FU-SHUN. MINING AND PROCESSING ACTIVITY IN AREA. TWO LARGE HEAT PROCESSING BUILDINGS WITH 3 STACKS AND 90 WAREHOUSE-TYPE BUILDINGS.</p>	4255N 12406E	0290		36-B

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25X1

City, Installation	Coordinates	WAC	Installation Numbers	
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<p>APPROXIMATELY 300 SMALL STORAGE-TYPE BUILDINGS IMMEDIATELY SW OF AREA. NUMEROUS HOUSING FACILITIES. RAIL SERVED.</p> <p>[REDACTED]</p>				25X1
<p>KU-SHAN-TZU AIRFIELD</p> <p>ONE NM SW OF TIAO-YU-TA1.</p> <p>6,400 X 240 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY TO SE WITH 4 CROSSEOVERS, 2 ALERT AND 2 PARKING APRONS AND 51 HARDSTANDS. RAIL-SERVED POL WITH 10 COVERED TANKS .5 NM SE OF FIELD.</p> <p>AIRCRAFT -- 27 FRESCO.</p> <p>[REDACTED]</p>	4201N 12544E	0290	[REDACTED]	41
<p>LIU-HO AREA, U/I INSTALLATION</p> <p>5 NM SOUTH OF LIU-HO.</p> <p>TWO LARGE TUNNELS WITH 60 FT WIDE ENTRANCES ARE UNDER CONSTRUCTION ON OPPOSITE SIDES OF A HIGH RIDGE. THESE TUNNELS ARE NOT IN A DIRECT LINE AND THERE IS NO INDICATION OF RAIL LINE OR HIGHWAY CONSTRUCTION IN AREA. SPOIL IS BEING CARRIED FROM TUNNELS BY MINING-TYPE RAIL CARS. 3 TO 4 TRACKS LEAD INTO EACH TUNNEL. CONSTRUCTION CAMPS, 16 TRUCKS, AND A VARIETY OF EQUIPMENT AND MATERIAL IS LOCATED ADJACENT TO ENTRANCES.</p> <p>[REDACTED]</p>	4212N 12543E	0290		47-A
<p>LIU-HQ AREA, PROB RADAR SITE</p> <p>5.5 NM SE OF LIU-HO.</p> <p>SITE ON HILLTOP. SERVED BY SECOND-CLASS ROAD. ONE BARRACKS-LIKE BUILDING NEAR SITE. DOES NOT APPEAR TO BE OPERATIONAL.</p> <p>[REDACTED]</p>	4212N 12548E	0290		47-B

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
LIU-HO AIRFIELD ONE NM SSW OF LIU-HO. 6,400 X 200 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY TO SE WITH 4 CROSSEOVERS, 2 ALERT AND 2 PARKING APRONS AND 55 HARDSTANDS. RAIL-SERVED POL CONSISTING OF 10 EARTH-COVERED TANKS 1.5 NM SE OF FIELD. AIRCRAFT -- NONE.	4216N 12542E	0290		25X1 47
PEI-SHAN-CHENG-TZU AIRFIELD ONE NM WSW OF PEI-SHAN-CHENG-TZU. APPROXIMATELY 4,000 X 330 FT ENE/WSW SOD SURFACE RUNWAY, SERVICEABLE. AIRFIELD APPEARS ABANDONED. AIRCRAFT -- NONE.	4222N 12524E	0290		25X1 50
TUNG-FENG AIRFIELD NO 1 ONE NM WEST OF TUNG-FENG. 6,500 X 200 FT WNW/ESE CONCRETE RUNWAY, SERVICEABLE. OPERATIONAL LOOP TAXIWAY TO SOUTH WITH 4 CROSSEOVERS, 2 ALERT APRONS, AND ONE LARGE PARKING APRON. AIRCRAFT -- 25 FIGHTER-TYPE.	4239N 12530E	0290		25X1 65
CHEN-CHIA-PU-TZU AREA, RAIL EXTENSION RAIL EXTENDS EASTWARD FROM 1.5 NM SOUTH OF CHEN-CHIA-PU-TZU TO APPROXIMATELY 42-21N 127-32E. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.	4203N 12636E	0290		85

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25X1

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
HUA-TIEN AREA, OIL REFINERY U/C 15 NM WEST OF HUA-TIEN. 2 SMALL OIL REFINERIES UNDER CONSTRUCTION. SEVERAL BUILDINGS COMPLETED WITH BASES LAID FOR TANKS AND ADDITIONAL BUILDINGS. RAIL LINE UNDER CONSTRUCTION NORTH TO JUNCTION 9.5 NM NW OF HUA-TIEN, WITH NEW SPUR LINE UNDER CONSTRUCTION LEADING NW FROM HUA-TIEN. RAIL LINE AND PIPE LINE UNDER CONSTRUCTION SOUTH AS FAR AS HUI-FA HO. 10 DERRICKS IN AREA.	4254N 12625E	0290		84-C
HUA-TIEN AREA, NEW RAIL LINE U/C BRANCHES SE FROM YEN-TUNG-SHAN (43-17N 126-00E) AND TERMINATES ON WEST EDGE OF HUA- TIEN AT (42-56N 126-41E). RAIL LINE UNDER CONSTRUCTION.	4256N 12641E	0290		84-B
HUA-TIEN, PROB SHALE OIL PLANT ONE NM NORTH OF HUA-TIEN. INDUSTRIAL PLANT CONTAINING ONE LARGE POL TANK UNDER CONSTRUCTION, ONE UNIDENTIFIED LONG, NARROW STRUCTURE, DISTILLATION FACILITY, AND 4 STORAGE BASINS.	4258N 12642E	0290		84
HUA-TIEN, NE PETROLEUM PLANT NO 9 4.5 NM ENE OF HUA-TIEN. ORE PROCESSING PLANT WITH DISTILLATION FACILITIES, SEVERAL COVERED CONVEYORS, POSSIBLE POWER PLANT, 2 LARGE, 2 MEDIUM, AND AT LEAST 6 SMALL STORAGE TANKS, EXTENSIVE OPEN PIT MINES, LARGE WASTE PILES, AND EXTENSIVE	4258N 12648E	0290		84-A

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25X1

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HOUSING FACILITIES. ROAD SERVED.

LIAO-YUAN NORTH AIRFIELD  
 APPROXIMATELY 3.5 NM NE OF LIAO-YUAN.  
 11,200 X 265 FT CONCRETE RUNWAY, SERVICEABLE.  
 PARALLEL CONCRETE TAXIWAY WITH 32 CONCRETE  
 HARDSTANDS, 2 CROSSOVER LINKS, AND 2 PARKING  
 APRONS. 3 POL STORAGE AREAS, RAIL SERVED,  
 EACH WITH 8 BUNKERS, NW OF RUNWAY.  
 SECURED AMMUNITION STORAGE AREA SW OF RUNWAY  
 CONTAINING 13 REVETTED STORAGE BUILDINGS  
 AND 2 BUILDINGS UNDER CONSTRUCTION. 2 HANGAR  
 WORKSHOP BUILDINGS WEST OF PARKING APRON.  
 PROB RADIO MARKER BEACON AT EACH END OF  
 RUNWAY. SUPPORT BUILDINGS AND BARRACKS NE OF  
 RUNWAY.  
 AIRCRAFT -- 21 BEAGLE.

4335N 12333E

0290

25X1  
45

25X1

SSU-PING NO 1 AIRFIELD  
 3 NM WSW OF SSU-PING.  
 APPROXIMATELY 6,000 X 200 FT NE/SW  
 CONCRETE RUNWAY, SERVICEABLE. PARALLEL  
 TAXIWAY WITH 4 PARKING APRONS. FORMER  
 RUNWAY BEING USED AS PARKING AREA.  
 AIRCRAFT -- APPROXIMATELY 34 FIGHTER-TYPE.

4308N 12418E

0290

25X1  
57-A

25X1

SSU-PING, MILITARY BARRACKS NW  
 ON NW EDGE OF SSU-PING.  
 APPROXIMATELY 60 BARRACKS-TYPE BUILDINGS,  
 ROAD SERVED.

4310N 12421E

0290

25X1  
57-C

25X1

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25X1

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SSU-PING COMPLEX APPROXIMATELY 5 SQ MI IN AREA. COMPLEX CONTAINS MILITARY AND TRANSPORTATION FACILITIES. RAIL SERVED. OBLIQUITY PRECLUDES FURTHER INTERPRETATION. [REDACTED]	4310N 12422E	0290	[REDACTED]	25X1 57
SSU-PING AIRFIELD 2 6.5 NM WNW OF SSU-PING. APPROXIMATELY 4,300 X 350 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE. LOOP TAXIWAY CONNECTS ENDS OF RUNWAY TO PARKING APRON EAST OF RUNWAY. SIX HANGARS LOCATED EAST OF PARKING APRON. AIRCRAFT -- NONE OBSERVED. [REDACTED]	4312N 12413E	0290	[REDACTED]	25X1 57-B
SSU-PING MILITARY BARRACKS NE 2 NM NE OF SSU-PING. APPROXIMATELY 80 BARRACKS-TYPE BUILDINGS AND SEVERAL SMALLER ASSOCIATED BUILDINGS. POSSIBLE AMMUNITION STORAGE ON NE EDGE OF BARRACKS AREA. [REDACTED]	4312N 12426E	0290	[REDACTED]	25X1 57-D
KUNG-CHU-LING AIRFIELD 1.5 NM NW OF KUNG-CHU-LING. APPROXIMATELY 7,800 X 270 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. SEVERAL HANGARS UNDER CONSTRUCTION ALONG SW SIDE OF RUNWAY. MAINTENANCE AND BARRACKS AREA SW OF RUNWAY. AMMUNITION STORAGE AREA NW OF RUNWAY. STRAFING RANGE NW OF AIRFIELD.	4332N 12447E	0290	[REDACTED]	25X1 43

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25X1

City, Installation	Coordinates	WAC	Installation Numbers	
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<p>AIRCRAFT -- 18 BEAGLE.</p> <p>CHANG-CHUN AREA, MILITARY TRAINING AREA 12 NM SSW OF CHANG-CHUN. MILITARY TRAINING AREA, RAIL AND ROAD SERVED WITH 2 SMALL SECURED AMMUNITION STORAGE AREAS, ONE SMALL BILLETING AREA, AND 2 UNIDENTIFIED HANGAR-TYPE BUILDINGS WITH ASSOCIATED APRONS. CONCRETE WALK OR DRIVEWAYS LEAD FROM APRONS TO A CONCRETE STRIP APPROXIMATELY 500 FT LONG.</p>	4343N 12516E	0290		28-I
<p>CHANG-CHUN MOTOR VEHICLE PLT SW EDGE OF CHANG-CHUN. PLANT COVERS APPROXIMATELY 4 SQ MI. CONSISTS OF 10 LARGE ASSEMBLY AND ADMINISTRATIVE BUILDINGS AND NUMEROUS AUXILIARY SHOPS. VEHICLES/EQUIPMENT -- APPROXIMATELY 150 VEHICLES IN STORAGE AREAS SOUTH SIDE OF PLANT.</p>	4351N 12514E	0290		28-E
<p>CHANG-CHUN COMPLEX APPROXIMATELY 20 SQ MI IN AREA. MAJOR RAIL AND HIGHWAY JUNCTION AND TRANSSHIPMENT CENTER. THE CHANG-CHUN MOTOR VEHICLE PLANT IS LOCATED IN SW OUTSKIRTS OF CITY. COMPLEX CONTAINS NUMEROUS MILITARY INSTALLATIONS, INCLUDING BARRACKS, SUPPLY, AND AMMUNITION STORAGE FACILITIES.</p>	4352N 12521E	0290		28-A

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25X1

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
CHANG-CHUN AIRFIELD WEST 2 NM NW OF CHANG-CHUN. 7,500 X 200 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. SUPPORT AREA AND AMMUNITION STORAGE SE OF RUNWAY. AIRCRAFT -- 35 BAT, 2 COLT, AND 3 CREEK OBSERVED.	4352N 12521E	0290		25X1 28-B
CHANG-CHUN, BARRACKS 3.5 NM EAST OF CHANG-CHUN. 3 ADMINISTRATIVE-TYPE BUILDINGS, APPROXIMATELY 50 BARRACKS AND 20 SMALL SUPPORT-TYPE BUILDINGS. SMALL AMMUNITION STORAGE AREA ON WEST SIDE OF FACILITY CONTAINS 3 REVETTED BUILDINGS.	4352N 12525E	0290		28-F
CHANG-CHUN, LANDING FIELD 4 NM EAST OF CENTER OF CHANG-CHUN. 1,000 X 3,800 FT E/W SOD LANDING AREA, SERVICEABLE. HANGAR AND PARKING APRON ON SE SIDE. ONE REVETMENT ON FIELD. AIRCRAFT -- ONE CREEK.	4353N 12524E	0290		28-J
TA-FENG-MAN HYDRO POWER PLANT JUST SE OF TA-FENG-MAN. LARGE HYDRO-ELECTRIC DAM APPROXIMATELY 3,000 FT IN LENGTH AND 85 FT HIGH (DOWN-STREAM SIDE). CONTAINS TRANSFORMER STATION AND GENERATOR BUILDINGS. RAIL SERVED. DEFENSES -- ONE OCCUPIED FOUR-GUN AAA SITE AND ONE OCCUPIED 6-GUN AAA SITE.	4343N 12642E	0290		25X1 58

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25X1

City, Installation	Coordinates	WAC	Installation Numbers	
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<div>25X1</div> <div></div> <p>KIRIN AREA, U/I INDUSTRIES 5 NM SE OF CHI-LIN. 2 ADJACENT PLANTS, EACH CONTAINING APPROXIMATELY 20 PROCESSING BUILDINGS. POSSIBLY PRODUCING SYNTHETIC FUEL. RAIL AND ROAD SERVED.</p> <div></div>	4346N 12636E	0290		31-C
<div>25X1</div> <p>KIRIN COMPLEX APPROXIMATELY 24 SQ MI IN AREA. LARGE ADMINISTRATIVE AND INDUSTRIAL CENTER. INDUSTRIAL FACILITIES AND NUMEROUS BARRACKS AREAS ARE LOCATED IN AND AROUND THE COMPLEX. A MAJOR CHEMICAL INDUSTRY APPROXIMATELY 6 SQ MI IN AREA LIES ACROSS THE RIVER TO THE NE. CHI-LIN AIRFIELD HAS BEEN ABANDONED TO RESIDENTIAL DEVELOPMENT. SOME OF THE INDUSTRIAL COMPLEXES AND BARRACKS AREAS APPEAR TO BE OF RECENT DEVELOPMENT, SEVERAL ARE UNDER CONSTRUCTION.</p> <div></div>	4351N 12633E	0290		31
<div>25X1</div> <p>KIRIN AREA, UNIDENTIFIED INDUSTRY 7 NM NNW OF CHI-LIN. APPROXIMATELY 30 BUILDINGS, AND THERMAL ELECTRIC POWER PLANT. RAIL-SERVED STORAGE AREA IN NORTH PORTION CONSISTING OF 6 WIDELY DISPERSED WAREHOUSES. HOUSING/ADMINISTRATIVE AREA SOUTH PORTION OF PLANT. RAIL AND ROAD SERVED.</p> <div></div>	4352N 12628E	0290		31-F
<div>25X1</div> <p>KIRIN, COKE, IRON &amp; STEEL PLANT 2.5 NM NORTH OF CHI-LIN.</p>	4353N 12633E	0290		31-D

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p>COKE, IRON AND STEEL PLANT CONSISTING OF ONE LARGE OPEN-HEARTH BUILDING, COKE PROCESSING AREA WITH QUENCHING TOWERS, AND SEVERAL LARGE ROLLING MILLS. ADJACENT HOUSING AND ADMINISTRATIVE AREA. PLANT APPEARS IN OPERATION. RAIL AND ROAD SERVED.</p> <p>[REDACTED]</p>				25X1
<p>KIRIN CHEMICAL PLANT 3 NM NNE OF CHI-LIN. LARGE PLANT CONTAINING APPROXIMATELY 100 BUILDINGS. LARGE ELECTRIC POWER SUB-STATION NE OF PLANT. HOUSING/ADMINISTRATIVE AREA SOUTH OF PLANT. PLANT APPEARS ACTIVE.</p> <p>[REDACTED]</p>	4354N 12635E	0290	[REDACTED]	31-H 25X1
<p>KIRIN AREA, SYNTHETIC FUEL PLANT 6 NM NORTH OF CHI-LIN. APPROXIMATELY 120 BUILDINGS. HOUSING/ADMINISTRATIVE AREA EAST OF PLANT. PLANT APPEARS ACTIVE. RAIL AND ROAD SERVED.</p> <p>[REDACTED]</p>	4355N 12632E	0290	[REDACTED]	31-E 25X1
<p>KIRIN AREA, PROB EXPLOSIVES STORAGE 6 NM NORTH OF CHI-LIN. TRIPLE-FENCED AREA CONTAINING PROBABLE EXPLOSIVES PRODUCTION PLANT, 2 LARGE PROCESSING BUILDINGS, AND ASSOCIATED STORAGE FACILITIES CONSISTING OF 3 REVETTED BUILDINGS AND 7 ADMINISTRATIVE BUILDINGS. ASSOCIATED EXPLOSIVES STORAGE AREA, SINGLE-FENCED, ONE NM SW CONTAINING 3 REVETTED STORAGE BUILDINGS.</p> <p>[REDACTED]</p>	4356N 12634E	0290		31-G
<p>KU-SHAN AIRFIELD 2 NM SW OF KU-SHAN.</p>	3953N 12333E	0380		2

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25X1

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p>AIRFIELD APPEARS ABANDONED. ONE OCCUPIED 6-GUN AA SITE IN NORTH CORNER OF FIELD. AIRCRAFT -- NONE.</p> <p>[REDACTED]</p>				25X1
<p>KA-CHIA-PA AIRFIELD 2 NM NE OF TSAO-ERH-SHAN. APPROXIMATELY 7,000 X 200 FT NNW/SSE PROBABLE GRADED EARTH RUNWAY, UNSERVICEABLE. AIRFIELD APPEARS ABANDONED. AIRCRAFT -- NONE.</p> <p>[REDACTED]</p>	3954N 12350E	0380	[REDACTED]	25X1 1
<p>TA-TUNG-KOU AIRFIELD 4 NM NORTH OF TA-TUNG-KOU. APPROXIMATELY 6,500 X 200 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE. AIRCRAFT -- 29 POSSIBLE FIGHTER-TYPE AIRCRAFT OBSERVED.</p> <p>[REDACTED]</p>	3956N 12408E	0380	[REDACTED]	25X1 3
<p>KAO-MI AIRFIELD 2 NM WNW OF KAO-MI. 6,000 X 200 FT NNW/SSE CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY WITH 3 CROSS-OVERS AND 31 HARDSTANDS. PROBABLE BARRACKS AND ADMINISTRATIVE AREA EAST OF RUNWAY. AIRCRAFT -- NONE OBSERVED.</p> <p>[REDACTED]</p>	3623N 11942E	0381	[REDACTED]	25X1 28-A
<p>TSINGTAO SEAPLANE STATION .7 NM SSW OF TSINGTAO. LANDING AND TAKEOFF AREA IS UNLIMITED. TWO AIRCRAFT RAMPS ABOUT 65 FT WIDE. AIRCRAFT -- 6 MADGE.</p> <p>[REDACTED]</p>	3602N 12017E	0381	[REDACTED]	25X1 13-B

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25X1

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
TSINGTAO COMPLEX APPROXIMATELY 26 SQ MI IN AREA. LARGE COMMERCIAL PORT CONTAINING LIGHT AND HEAVY INDUSTRIES, MILITARY BARRACKS, AND SUPPLY/STORAGE AREAS. NAVAL BASE AND PORT FACILITIES ARE LOCATED ON WEST EDGE OF COMPLEX. <div></div>	3604N 12019E	0381	<div></div>	13 25X1
TSINGTAO INNER HARBOR WNW OF OUTER HARBOR, IN CHIAO-CHOU WAN. INNER HARBOR USED AS SUBMARINE BASE, PETROLEUM TERMINAL, GENERAL AND BULK-CARGO TRANSFER POINT, AND SHIP REPAIR. VESSELS -- 7 PROBABLE W-CLASS SUBMARINES, 2 PROB S-CLASS. ONE SUB AT FITTING-OUT PIER. ALL SUBS APPROXIMATELY 240 FT OVERALL. 3 DESTROYERS (ONE AT FITTING-OUT PIER), ONE PROBABLE DE, 2 T-43, 2 KRONSTADT PATROL CRAFT. 4 UNIDENTIFIED NAVAL VESSELS, ONE CARGO VESSEL, AND NUMEROUS SMALLER CRAFT. <div></div>	3604N 12019E	0381	<div></div>	13-D 25X1
TSINGTAO OUTER HARBOR EAST AND SE OF TUAN-TAO. SITE OF NAVAL TRAINING CENTER AND USED FOR SHIP REPAIR AND IDLE MOORING. VESSELS -- 12 PROBABLE PT BOATS. <div></div>	3604N 12019E	0381		13-E
TUNG-CHIA-WAN (BAY), GUN EMPLACEMENTS APPROXIMATELY 17 NM NE OF TSINGTAO ON THE YELLOW SEA. FIVE POSSIBLE COASTAL DEFENSE EMPLACEMENTS AT	3606N 12033E	0381		72

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X1 36-05N 120-34E. [REDACTED]				
25X1 TSINGTAO AIRFIELD 3 NM NNE OF TSINGTAO. 6,300 X 350 FT NW/SE AND 5,500 X 350 FT NE/SW RUNWAYS, BOTH HARD-SURFACED AND SERVICEABLE. AIRCRAFT -- 3 FAGOT/FRESCO, ONE BEAGLE, AND 2 BATS. [REDACTED]	3609N 12023E	0381	[REDACTED]	25X1 13-A
25X1 LIU-TING AIRFIELD 1.2 NM WSW OF LIU-TING. 6,400 X 200 FT N/S CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY. 2 ALERT APRONS AT NORTH END OF RUNWAY. PARKING APRON EXTENDING FROM SOUTH END OF RUNWAY BEING RE-SURFACED. POL AREA WITH 14 EARTH-COVERED BUNKERS JUST WEST OF RUNWAY. 2 LARGE HANGARS AND OPERATIONS BUILDINGS EAST OF FIELD. AIRCRAFT -- 83 FAGOT/FRESCO. [REDACTED]	3615N 12022E	0381	[REDACTED]	25X1 41
25X1 CHENG-YANG, PROBABLE CERAMICS INDUSTRY .5 NM NORTH OF CHENG-YANG. POSSIBLE INDUSTRIAL CERAMICS PLANT CONSISTING OF 3 LARGE MONITOR-ROOFED BUILDINGS, NUMEROUS SMALL BUILDINGS, 25 LARGE BRICK STACKS, AND ASSOCIATED STORAGE AND HOUSING FACILITIES. [REDACTED]	3618N 12022E	0381		107
25X1 CHIAO-HSIEN AIRFIELD 2.5 NM NNE OF CHIAO-HSIEN. APPROXIMATELY 6,600 X 200 FT NNW/SSE CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY.	3619N 12002E	0381	[REDACTED]	25X1 9-B

**SECRET**

25X1

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NPIC/R-1030/62

25X1

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p>25X1</p> <p>AIRCRAFT -- APPROXIMATELY 41 BEAGLE.</p> <p>CHI-MO, PROB BARRACKS AREA 4 NM SW OF CHI-MO. PROBABLY SECURED BARRACKS AREA CONTAINING APPROXIMATELY 30 BARRACKS, 3 ADMINISTRATIVE, 10 STORAGE-TYPE BUILDINGS, AND 10 PARKED MOBILE ARTILLERY PIECES.</p>	3623N 12027E	0381		7
<p>25X1</p> <p>LAI-YANG AIRFIELD 5.5 NM WSW OF LAI-YANG. APPROXIMATELY 7,000 X 250 FT NW/SE CONCRETE RUNWAY, SERVICEABLE. MAINTENANCE AND ADMINISTRATIVE FACILITIES LOCATED TO NE. TWO UNDERGROUND POL STORAGE AREAS LOCATED ONE NM AND 3 NM SE OF RUNWAY. AIRCRAFT -- 46 BEAGLE AND ONE COLT.</p>	3658N 12035E	0381		31-A
<p>25X1</p> <p>WANG-CHUANG AREA, POSS RADIO STATION 1.2 NM NNW OF WANG-CHUANG ON CHAN-SHAN TAO. ONE SMALL ANTENNA ENCLOSED BY A CIRCULAR SCAR.</p>	3755N 12044E	0381		105
<p>25X1</p> <p>YEN-TAI AIRFIELD SOUTH 8 NM SOUTH OF YEN-TAI. 6,400 X 200 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. LOOP TAXIWAY ON NW SIDE OF RUNWAY WITH 28 REVETTED HARDSTANDS AND 4 CROSSOVER LINKS, READY APRONS AT EITHER END OF FIELD, MAINTENANCE AREA CONTAINING AT LEAST ONE HANGAR LOCATED AT NE EDGE OF FIELD. AIRCRAFT -- APPROXIMATELY 35 UNIDENTIFIED AIRCRAFT.</p>	3724N 12121E	0381		80-A

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	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1	[REDACTED]				25X1
	YEN-TAI COMPLEX 3 SQ MI IN AREA. PORT FACILITIES INCLUDE A MOLE AND A RAIL- SERVED MARGINAL WHARF. WAREHOUSE AREAS, SEVERAL LIGHT INDUSTRIES. RAIL SERVED.	3732N 12124E	0381	[REDACTED]	80
25X1	[REDACTED]				25X1
25X1	WEI-HAI-WEI COMPLEX IDENTIFICATION ONLY.	3730N 12206E	0381	[REDACTED]	74
25X1	TA-CHU-SHAN-TAO (ISLAND) AREA, GUN EMPL 3 NM WEST OF TA-CHU-SHAN-TAO ON UNNAMED ISLAND. UNOCCUPIED COASTAL GUN EMPLACEMENT.	3801N 12052E	0381		110-A
25X1	TA-CHU-SHAN TAO, COASTAL GUN EMPLACEMENT APPROXIMATELY 16 NM NW OF PENG LAI IN GULF OF POHAI ON TA-CHU-SHAN-TAO ISLAND. UNOCCUPIED COASTAL GUN EMPLACEMENT.	3801N 12055E	0381		110
25X1	TA-HEI-SHAN TAO (ISLAND), POSS RADAR 4.5 NM NW OF CHAN-SHAN TAO (ISLAND) ON UNNAMED ISLAND. OBLIQUITY PRECLUDES INTERPRETATION.	3803N 12038E	0381		106
25X1	TO-CHI TAO (ISLAND), COASTAL GUN EMPLACEMENT 22 NM NORTH OF PENG-LAI IN GULF OF POHAI. UNOCCUPIED COASTAL GUN EMPLACEMENT.	3810N 12045E	0381		111

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
NAN-HUANG-CHENG TAO (ISLAND), GUN EMPLACEMENTS 33 NM NNE OF PENG LAI IN GULF OF PO HAI. TWO UNOCCUPIED FIELD ARTILLERY POSITIONS AND 4 UNOCCUPIED COASTAL GUN EMPLACEMENTS. [REDACTED]	3821N 12054E	0381		108
PEI-HUANG-CHENG-TAO (ISLAND), GUN EMPLACEMENT 36 NM NNE OF PENG-LAI. UNOCCUPIED COAST ARTILLERY EMPLACEMENT ON ISLAND. [REDACTED]	3823N 12054E	0381		109
PORT ARTHUR AREA, GUN POSITIONS APPROXIMATELY 3 NM ENE OF PORT ARTHUR SEAPLANE BASE. ONE COASTAL DEFENSE EMPLACEMENT AT 38-43N 121-18E. ONE AA GUN POSITION AT 38-50N 121-20E. [REDACTED]	3843N 12118E	0381		53-H
PORT ARTHUR, GUN POSITIONS APPROXIMATELY 2 NM SW OF PORT ARTHUR SEAPLANE BASE. 4 OCCUPIED AA GUN EMPLACEMENTS AT 38-46N 121-13E. FOUR OCCUPIED COAST ARTILLERY GUN EMPLACEMENTS AT 38-46N 121-14E. [REDACTED]	3846N 12113E	0381		53-I
PORT ARTHUR SUBMARINE BASE ONE NM SSW OF PORT ARTHUR ON SOUTH SHORE OF HSI CHIANG. 2 OFFSHORE PIERS, ONE PONTOON PIER, AND ONE FINGER PIER. 10 LARGE BUILDINGS AT LANDING AREA AND AT LEAST 25 BARRACKS/	3847N 12114E	0381	[REDACTED]	53-D

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p>ADMINISTRATIVE/STORAGE-TYPE BUILDINGS BACK FROM SHORE. INCOMPLETE COVERAGE. VESSELS -- 9 PROBABLE W-CLASS SUBMARINES, AND ONE UNIDENTIFIED VESSEL.</p>				
<p>DAIREN, MILITARY ACTIVITY 2 NM WSW OF HO KOU. PROBABLE COASTAL DEFENSE POSITION COVERING AREA OF APPROXIMATELY 6 SQ MI AND CONTAINING UNOCCUPIED PROBABLE NEWLY CONSTRUCTED COASTAL DEFENSE POSITIONS, POSSIBLE RADAR, STORAGE BUNKERS, AND RECENT ROAD CONSTRUCTION. ADDITIONAL PROBABLE RADAR SITES LOCATED 4 NM TO NORTH.</p>	3847N 12127E	0381		18-D
<p>PORT ARTHUR COMPLEX APPROXIMATELY 10 SQ MI IN AREA. PREDOMINANTLY PORT AND HARBOR FACILITIES INCLUDING SHIPYARD AND NAVAL BASE, SUBMARINE BASE, AND COMMERCIAL DOCKING AREA. FACILITIES INCLUDE SHIP REPAIR, WAREHOUSES, RAILWAYS, AMMUNITION AND FUEL STORAGE.</p>	3848N 12116E	0381		52
<p>PORT ARTHUR NAVAL BASE AND SHIPYARD HARBOR AREA 95 PERCENT COVERED BY CLOUD-FREE PHOTOGRAPHY. NAVAL BASE AND SHIPYARD ON NE SIDE OF BAY. SHIPYARD CONTAINS LARGE BOAT BASIN WITH GRAVING DOCK, 2 MARINE RAILWAYS, AND FABRICATION AND FITTING-OUT SHOPS. NAVAL BASE FACILITIES INCLUDE HOUSING, WAREHOUSES, POL STORAGE, QUAYS, WHARVES, AND PIERS EXTEND NORTH TO THE MOUTH OF LUNG HO.</p>	3848N 12116E	0381		52-E

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NPIC/R-1030/62

25X1

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p>25X1</p> <p>VESSELS -- ONE DESTROYER, ONE DESTROYER ESCORT, ONE W-CLASS SUBMARINE (IN GRAVING DOCK), 2 PROBABLE T-43, 2 KRONSTADT SUBCHASERS, 13 PT BOATS, AND NUMEROUS SMALLER CRAFT.</p> <p>[REDACTED]</p>				
<p>25X1</p> <p>TA-KOU-CHING, COASTAL GUN EMPLACEMENTS 2 NM SW OF TOWN OF TA-KOU-CHING. 3 OCCUPIED COASTAL GUN EMPLACEMENTS WITH ASSOCIATED SUPPORT.</p> <p>[REDACTED]</p>	3851N 12111E	0381		104
<p>25X1</p> <p>TA-SAN-SHAN-TAO ISLAND, COAST DEFENSE APPROXIMATELY 10 NM SE OF DARIEN LIGHTHOUSE IN CENTER OF TA-LIEN-WAN (BAY). ISLAND CONTAINS AT LEAST 4 COASTAL DEFENSE EMPLACEMENTS.</p> <p>[REDACTED]</p>	3852N 12149E	0381		103
<p>25X1</p> <p>DAIREN AREA, PROB RADAR SITE 6 NM WSW OF CENTER OF DAIREN ON HILL. PROBABLE TOKEN RADAR SITE. ROAD SERVED.</p> <p>[REDACTED]</p>	3853N 12128E	0381		18-E
[REDACTED]				
<p>25X2</p> <p>TU-CHENG-TZU AIRFIELD 5 NM NORTH OF PORT ARTHUR. 3 SERVICEABLE RUNWAYS, BUT ONLY NEWEST ONE APPEARS TO BE IN USE. PRIMARY, 8,050 X 230 FT WNW/ESE CONCRETE, SECONDARY, 8,500 X 180 FT</p>	3854N 12115E	0381		70

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25X1

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p>WNW/ESE CONCRETE/GRADED EARTH, AND THE THIRD, 5,650 X 280 FT N/S CONCRETE. LOOP TAXIWAY, 31 HARDSTANDS, AND A FIRING BUTT. NUMEROUS AIRCRAFT REVETMENTS IN AREA IMMEDIATELY SOUTH OF FIELD. POL STORAGE. 7 LARGE HANGARS NE OF MAIN RUNWAY. BARRACKS AND SUPPORT AREA ONE NM EAST OF MAIN RUNWAY. ONE 4-GUN AA BATTERY .5 NM SE OF PRIMARY RUNWAY. AIRCRAFT -- 40 BEAGLE AND ONE SINGLE ENGINE LIAISON-TYPE.</p>				
<p>DAIREN COMPLEX APPROXIMATELY 35 SQ MI IN AREA. SEVERAL HEAVY AND NUMEROUS LIGHT INDUSTRIES, LARGE RAIL YARDS AND REPAIR SHOPS, EXTENSIVE PORT FACILITIES AND NUMEROUS MILITARY BARRACKS AND STORAGE INSTALLATIONS (INCLUDING POL, SUPPLY, AND AMMUNITION) SCATTERED THROUGHOUT AREA.</p>	3855N 12137E	0381		25X1 18
<p>DAIREN PORT FACILITIES PORT AREA CONTAINS APPROXIMATELY 13 PIERS, EXTENSIVE QUAYAGE, NUMEROUS STORAGE BUILDINGS AND OPEN STORAGE. THERE ARE 2 SHIPYARDS CONTAINING 5 DRY DOCKS (4 OCCUPIED BY CARGO SHIPS) SEVERAL MARINE RAILWAYS, AND NUMEROUS REPAIR SHOPS. VESSELS -- APPROXIMATELY 27 SEAGOING MERCHANT SHIPS, ONE POSSIBLE NAVAL VESSEL, AND NUMEROUS SMALL CRAFT.</p>	3855N 12137E	0381		25X1 18-C
<p>CHOU-SHUI-TZU AIRFIELD SOUTH OF CHOU-SHUI-TZU.</p>	3858N 12133E	0381		25X1 14

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NPIC/R-1030/62

25X1

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p>3 SERVICEABLE RUNWAYS -- PRIMARY, 8,500 X 180 FT WNW/ESE, CONCRETE, SECONDARY, ALSO CONCRETE 8,050 X 230 FT NNW/ESE, AND A THIRD, 5,650 X 280 FT NNW/SSE, GRADED EARTH. 14 REVETTED HARDSTANDS. NUMEROUS AIRCRAFT REVETMENTS. 4 HANGARS, ADMINISTRATIVE AREA AND LARGE BARRACKS AREA. AIRCRAFT -- 43 FAGOT/FRESCO.</p> <p>[REDACTED]</p>				
<p>YING-CHENG-TZU, MILITARY TRAINING AREA ADJACENT TO YING-CHENG TZU AIRFIELD. 8 SQUARE NM AREA CONTAINING EXTENSIVE TRACK ACTIVITY AND 2 MOVABLE TARGET RANGES.</p> <p>[REDACTED]</p>	3901N 12121E	0381		81-A
<p>YING-CHENG-TZU AIRFIELD 5 NM NORTH OF YING-CHENG-TZU. 6,600 X 180 FT CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY HAS 4 CROSSEOVERS, ALERT APRON AT EACH END, AND A PARKING APRON TO SE. ONE LARGE BUNKER .5 NM SE OF THE TAXISTRIP. HOUSING AND ADMINISTRATIVE AREA DIRECTLY ADJACENT TO TAXISTRIP. 27 TRUCKS AND 12 AA GUNS PARKED ON RUNWAY AND TAXIWAY. AIRCRAFT -- NONE OBSERVED.</p> <p>[REDACTED]</p>	3901N 12123E	0381	[REDACTED]	25X1 81
<p>CHIN-HSIEN (CHIN-CHOU) AIRFIELD SE NO 2 6 NM ESE OF CHIN-HSIEN. RETURNED TO CULTIVATION.</p> <p>[REDACTED]</p>	3903N 12149E	0381	[REDACTED]	25X1 10-C
<p>CHIN-HSIEN (CHIN-CHOU) AIRFIELD SE NO 1 7 NM SE OF CHIN-HSIEN. 6,300 X 240 FT PROBABLE ASPHALT RUNWAY AND</p>	3904N 12145E	0381	[REDACTED]	25X1 10-B

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25X1

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p>PARALLEL TAXI STRIP WITH 2 CROSSOVERS, SERVICEABLE. APPROXIMATELY 30 BUILDINGS ADJACENT TO PARALLEL TAXIWAY COMPRISE HOUSING AND ADMINISTRATIVE AREA. AIRCRAFT -- NONE OBSERVED.</p> <p>[REDACTED]</p>				25X1
<p>CHIN-HSIEN COMPLEX</p> <p>APPROXIMATELY 4 SQ MI IN AREA. LARGE UNIDENTIFIED INDUSTRY, RAIL-SERVED ON SOUTH EDGE OF TOWN. SMALL STEEL MILL ALSO ON SOUTH SIDE. THERE ARE NO SIGNS OF PRODUCTION.</p> <p>[REDACTED]</p>	3906N 12143E	0381	[REDACTED]	10
<p>CHIN-HSIEN, EXPLOSIVES STORAGE DEPOT</p> <p>APPROXIMATELY 2 NM NE OF CHIN-CHOU. 8 LARGE DISPERSED EXPLOSIVES STORAGE BUILDINGS AND SEVERAL SMALLER STRUCTURES.</p> <p>[REDACTED]</p>	3907N 12146E	0381		10-D
<p>SAN-SHIH-LI-PU AIRFIELD</p> <p>2 NM NW OF SAN-SHIH-LI-PU. 2 INTERSECTING CONCRETE RUNWAYS EACH WITH A PARALLEL TAXISTrip AND 4 CROSSOVER LINKS. PRIMARY RUNWAY ORIENTED NW/SE 6,300 X 250 FT WITH A READY RAMP AT EACH END, SECONDARY IS N/S 5,700 X 190 FT WITH READY RAMP AT EACH END. OPERATIONS STRUCTURES INCLUDE ONE LARGE HANGAR, 9 HALF-MOON DOME-TYPE BUILDINGS WHICH COULD BE AIRCRAFT SHELTERS, AND NUMEROUS PARKING REVETMENTS. HOUSING AND ADMINISTRATIVE AREA OF APPROXIMATELY 50 BUILDINGS IS LOCATED NE OF RUNWAY INTERSECTION. AIRCRAFT -- 23 FAGOT/FRESCO.</p> <p>[REDACTED]</p>	3917N 12146E	0381	[REDACTED]	55

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25X1

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
PU-LAN-TIEN AIRFIELD SOUTH 4.8 NM SOUTH OF PU-LAN-TIEN. 6,230 X 180 FT NNW/SSE CONCRETE RUNWAY, SERVICEABLE. STORAGE AREA WITH 6 PROBABLE BUNKERS. AIRCRAFT -- NONE.	3919N 12158E	0381		25X1 54-B
FU-HSIEN AIRFIELD 10.3 NM WNW OF FU-HSIEN. 8,200 X 200 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY SOUTH OF RUNWAY WITH 4 CROSSEOVERS AND READY RAMPS AT EACH END. SECONDARY LOOP TAXIWAYS FARTHER SOUTH HAVE A TOTAL OF 60 REVETTED HARDSTANDS. OPERATIONS AREA ON PARALLEL TAXIWAY HAS 2 HANGARS AND SEVERAL SMALLER ASSOCIATED BUILDINGS. BARRACKS AND ADMINISTRATIVE AREA IS ONE NM SE OF NORTH END OF RUNWAY. AT LEAST 9 REVETTED STORAGE AND 2 LARGER BUILDINGS ARE DISPERSED ALONG A LOOP ROAD ABOUT ONE NM SOUTH OF BARRACKS AREA. UNIDENTIFIED AREA, POSSIBLY STORAGE, LOCATED MIDWAY BETWEEN BARRACKS AND NE END OF THE RUNWAY. AIRCRAFT -- 39 POSSIBLE FAGOT/FRESCO.	3940N 12146E	0381		25X1 21
LI-CHANG-SHAN ISLANDS, MILITARY ACTIVITY IN KOREA BAY, APPROXIMATELY 40 NM NE OF DAIREN. 3 FAIRLY LARGE AND SEVERAL SMALLER ISLANDS. AREA CONTAINS NUMEROUS BARRACKS AND STORAGE AREAS.	3910N 12220E	0381		101

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
HUA-CHIA-TUN AIRFIELD 3.3 NM SE OF HUA-CHIA-TUN. 6,500 X 350 FT N/W CONCRETE RUNWAY, SERVICEABLE. AIRCRAFT -- NONE. [REDACTED]	3916N 12205E	0381	[REDACTED]	25X1 25
PU-LAN-TIEN AIRFIELD 5.2 NM NE OF PU-LAN-TIEN RAILROAD STATION. 8,200 X 200 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY WITH 2 HARDSTANDS AT SOUTH END. LOOP TAXIWAY 59 RETTED HARDSTANDS. 2 HANGARS AND 15 OTHER BUILDINGS EAST OF RUNWAY. 65 ASSOCIATED BARRACKS AND SUPPORT-TYPE BUILDINGS ABOUT 2 NM SOUTH OF RUNWAY. APPROXIMATELY 20 RETTED EXPLOSIVE STORAGE BUNKERS ARE ABOUT 2 NM EAST OF NORTH END OF RUNWAY. AIRCRAFT -- 22 FAGOT/FRESCO, ONE CRATE, AND ONE LIAISON-TYPE. [REDACTED]	3927N 12201E	0381	[REDACTED]	25X1 54-A
FU-HSIEN COMPLEX 3 SQ MI IN AREA. 2 LARGE INDUSTRIAL PLANTS, 12-TRACK RAILYARD, AND SHOP AREA. SMALL PLANT IN CENTER OF TOWN. [REDACTED]	3937N 12200E	0381	[REDACTED]	25X1 21-A
CHUANG-HO, MILITARY INSTALLATION 4 NM NNW OF CHUANG-HO, AND APPROXIMATELY 62 NM WEST OF KOREAN BORDER. APPROXIMATELY 120 BARRACKS-TYPE, AND 100 MISCELLANEOUS BUILDINGS. 54 ARTILLERY PIECES PARKED IMMEDIATELY BEHIND TRUCK PRIME MOVERS INCLUDE NINE 4-GUN PROBABLE MEDIUM FA	3945N 12256E	0381		112

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
GROUPINGS, AND THREE 6-GUN PROBABLE LIGHT FA GROUPINGS. APPROXIMATELY 70 ADDITIONAL TRUCKS PARKED THROUGHOUT AREA. [REDACTED]				
FU-HSIEN AREA, EXPLOSIVES STORAGE 14 NM NNE OF FU-HSIEN, ADJACENT TO MUKDEN-DARIEN RAILROAD. 21 EXPLOSIVES STORAGE AND APPROXIMATELY 10 ASSOCIATED BUILDINGS IN A VALLEY, 7 CUTS IN HILLSIDE. [REDACTED]	3952N 12206E	0381		21-B
SHIH-CHENG-TAO (ISLAND), MILITARY INSTALLATION ISLAND IN KOREA BAY OFF CHINA COAST. THE ENTIRE ISLAND APPEARS MILITARY IN CHARACTER. CONTAINS A BARRACKS AREA OF APPROXIMATELY 50 BUILDINGS. NUMEROUS GUN EMPLACEMENTS AND TRENCHES. [REDACTED]	3932N 12300E	0381		100
TUNG-HAI AIRFIELD, W 14 NM WEST OF TUNG-HAI. 7,900 X 220 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE. LISTED IN ASSOTW, VOL 31, SEP 60. AIRCRAFT -- NONE. [REDACTED]	3435N 11852E	0386	[REDACTED]	25X1 24-C
TUNG-HAI COMPLEX IDENTIFICATION ONLY. [REDACTED]	3435N 11909E	0386		24-B
HUNG-CHIAO AIRFIELD 4.6 NM WEST OF SHANGHAI. 7,600 X 230 FT N/S CONCRETE RUNWAY, SERVICEABLE. AMMUNITION STORAGE AREA NNE	3112N 12120E	0492	[REDACTED]	25X1 20

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p>OF AIRFIELD. DEFENSES -- FOUR 6-GUN AAA OCCUPIED POSITIONS. AIRCRAFT -- 21 FAGOT/FRESCO.</p>				
<p>SHANGHAI COMPLEX APPROXIMATELY 80 SQ MI IN AREA. 75 PERCENT OF COMPLEX IS CLOUD-COVERED. NAVAL BASE AND SHIPYARDS NOT VISIBLE. NO SIGNIFICANT CHANGES IN VISIBLE PORTIONS SINCE</p>	3114N 12128E	0492		28
<p>TA-CHANG AIRFIELD NO CHANGE IN AIRFIELD AND FACILITIES SINCE AIRCRAFT -- TOTAL OF 65, INCLUDING -- ONE CAB, ONE CRATE, ONE UNIDENTIFIED TWIN ENGINE TRANSPORT, ONE LIAISON, AND 61 FRESCO/FAGOT.</p>	3119N 12125E	0492		30
<p>CHIANG-WAN AIRFIELD 5.5 NM NNE OF SHANGHAI RAILROAD STATION. 7,300 X 280 FT N/S CONCRETE RUNWAY, SERVICEABLE. AIRCRAFT -- 14 FAGOT/FRESCO.</p>	3120N 12130E	0492		8
<p>WU-SUNG AREA, FIX 8 DF NO APPARENT CHANGE SINCE MISSION</p>	3125N 12125E	0492		37-C

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p>-NORTH KOREA-</p> <p>SINUJU COMPLEX IDENTIFICATION ONLY.</p> <p>[REDACTED]</p> <p>UIJU AIRFIELD 4 NM ENE OF AN-TUNG. 6,100 X 230 FT NE/SW CONCRETE RUNWAY, SERVICEABLE. PARALLEL TAXIWAY. AIRCRAFT -- AT LEAST 16 POSSIBLE UNIDENTIFIED AIRCRAFT.</p> <p>[REDACTED]</p>	4006N 12424E	0290	[REDACTED]	81
	4009N 12430E	0290	[REDACTED]	73

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-CHINA-

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25X2

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-ELECTRONICS/COMMUNICATIONS-

- CHINA -

DAIREN AREA, PROB RADAR SITE	33
HARBIN AREA, RADIO STATION	4
LIU-HO AREA, PROB RADAR SITE	17
TA-HEI-SHAN TAO (ISLAND), POSS RADAR	30
WANG-CHUANG AREA, POSS RADIO STATION	29
WU-SUNG AREA, FIX 8 DF	40

-INDUSTRY-

-CHINA-

CHANG-CHUN MOTOR VEHICLE PLT	22
CHENG-YANG, PROBABLE CERAMICS INDUSTRY	28
ERH-TAO-HO-TZU, MINING ACTIVITY	1
FENG-CHENG AREA, MINING OPERATION	8
FU-SHUN AREA, MINING ACTIVITY	16
HARBIN AREA, POSS CHEM INDUSTRY	5
HARBIN AREA, U/I INDUSTRY	4

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HU-LAN, PROB CHEMICAL PLANT	6
HUA-TIEN AREA, OIL REFINERY U/C	19
HUA-TIEN, NE PETROLEUM PLANT NO 9	19
HUA-TIEN, PROB SHALE OIL PLANT	19
KIRIN AREA, SYNTHETIC FUEL PLANT	25
KIRIN AREA, U/I INDUSTRIES	24
KIRIN AREA, UNIDENTIFIED INDUSTRY	24
KIRIN CHEMICAL PLANT	25
KIRIN, COKE, IRON & STEEL PLANT	24
MUKDEN ORD REPAIR PLT NO 515	11
PEN-CHI AREA, MINING ACTIVITY	10

-MILITARY INSTALLATIONS-

-CHINA-

AN-TUNG, MILITARY STORAGE	8
CHANG-CHUN AREA, MILITARY TRAINING AREA	22
CHANG-CHUN, BARRACKS	23
CHI-MO, PROB BARRACKS AREA	29
CHU-CHUANG-KOU, PROB MILITARY INSTALLATION	8
CHUANG-HO, MILITARY INSTALLATION	38
DAIREN, MILITARY ACTIVITY	32
FU-SHUN AREA, PROBABLE AMMUNITION STORAGE	13
HARBIN AREA, BARRACKS AREA	3
KOU-PANG-TZU, POSSIBLE MILITARY CAMP	6
KUAN-TIEN AREA, BARRACKS AREA	9
LI-CHANG-SHAN ISLANDS, MILITARY ACTIVITY	37
MUKDEN AREA, MILITARY STORAGE	15
MUKDEN AREA, PROB MIL STORAGE	15
MUKDEN ARSENAL 90TH	12
MUKDEN, MILITARY AREA	12
NAN-HUANG-CHENG TAO (ISLAND), GUN EMPLACEMENTS	31
PEI-HUANG-CHENG-TAO (ISLAND), GUN EMPLACEMENT	31

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PORT ARTHUR AREA, GUN POSITIONS	31
PORT ARTHUR NAVAL BASE AND SHIPYARD	32
PORT ARTHUR SUBMARINE BASE	31
PORT ARTHUR, GUN POSITIONS	31
SHIH-CHENG-TAO (ISLAND), MILITARY INSTALLATION	39
SSU-PING MILITARY BARRACKS NE	21
SSU-PING, MILITARY BARRACKS NW	20
TA-CHU-SHAN-TAO (ISLAND) AREA, GUN EMPL	30
TA-CHU-SHAN TAO, COASTAL GUN EMPLACEMENT	30
TA-KOU-CHING, COASTAL GUN EMPLACEMENTS	33
TA-SAN-SHAN-TAO ISLAND, COAST DEFENSE	33
TO-CHI TAO (ISLAND), COASTAL GUN EMPLACEMENT	30
TSINGTAO INNER HARBOR	27
TSINGTAO OUTER HARBOR	27
TUNG-CHIA-WAN (BAY), GUN EMPLACEMENTS	27
TUNG-HUA AREA, EXPLOSIVES STORAGE	14
YING-CHENG-TZU, MILITARY TRAINING AREA	35

-PORTS & HARBORS--CHINA-

AN-TUNG PORT FACILITIES	8
DAIREN PORT FACILITIES	34

-STORAGE--CHINA-

A-CHENG, POSS INDUSTRIAL WAREHOUSES	6
CHIN-HSIEN, EXPLOSIVES STORAGE DEPOT	36
FENG-CHENG, EXPLOSIVES STORAGE AREA	7
FU-HSIEN AREA, EXPLOSIVES STORAGE	39
KIRIN AREA, PROB EXPLOSIVES STORAGE	25

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MUKDEN AREA, PROB STORAGE AREA	14
TIEH-LING, U/I STORAGE AREA	16

-URBAN COMPLEXES--CHINA-

AN-SHAN COMPLEX	7
AN-TUNG COMPLEX	8
CHANG-CHUN COMPLEX	22
CHIN-HSIEN COMPLEX	36
DAIREN COMPLEX	34
FU-HSIEN COMPLEX	38
FU-SHUN COMPLEX	13
HARBIN COMPLEX	4
KIRIN COMPLEX	24
LIAO-YANG COMPLEX	10
MUKDEN COMPLEX	11
PEN-CHI COMPLEX	10
PORT ARTHUR COMPLEX	32
SHANGHAI COMPLEX	40
SSU-PING COMPLEX	21
TSINGTAO COMPLEX	27
TUNG-HAI COMPLEX	39
TUNG-HUA COMPLEX	14
WEI-HAI-WEI COMPLEX	30
YEN-TAI COMPLEX	30
YING-KOU COMPLEX	6

-NORTH KOREA-

SINUJU COMPLEX	41
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-MISCELLANEOUS-

-CHINA-

HEI-SHAN, U/I INSTALLATION	7
KIRIN AREA, U/I INSTALLATION	1
LIU-HO AREA, U/I INSTALLATION	17
SHUANG-CHENG AREA, UNIDENTIFIED INSTALLATION	2

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APPENDIX  
EXPLANATION OF COLUMN HEADINGS  
AND PHOTO REFERENCES

City, Installation -- This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. The city and installation names are followed by a capsule description, where appropriate.

Coordinates -- Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC -- This column provides the World Aeronautical Chart number for the area in which the subject installation lies.

Installation Numbers -- The Installation Numbers column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the target. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target numbered 0289-1 and an NPIC target numbered 0290-1. In each instance, the NPIC installation number is 1, but the installations appear on different WACs.

The photo reference indicates frame(s) on which the target appears, and conditions which affect interpretation of the target.

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